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Name of Applicant : Kuraray Co. Ltd.

Title: Low temperature water soluble non-woven fabric and
method of manufacturing the same

Claims:

1. A low temperature water soluble non-woven fabric comprising a water soluble polyvinyl alcohol fiber having a melting point of from 170 to 220°C, in which the fiber present in an area of from 3 to 50% of the surface of the non-woven fabric has a flat cross section having a degree of a cross sectional flatness of from 3 to 30, a tearing length of from 0.5 to 5 km and a water dissolving temperature of from 0 to 40 °C.

2. A method of manufacturing a non-woven fabric as defined in claim 1, wherein a web comprising a water soluble polyvinyl alcohol fiber having a melting point of from 170 to 220 °C is press-bonded at a temperature lower by from 20 to 150 °C from the melting point of the fiber and at a linear pressure of from 3 to 100 kg/cm, using a heat emboss roller having a press-fit area ratio of from 3 to 50%.